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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/644,369	08/20/2003	John Hwang	HNO-136-A	6416

21828 7590 10/11/2005

CARRIER BLACKMAN AND ASSOCIATES  
24101 NOVI ROAD  
SUITE 100  
NOVI, MI 48375

EXAMINER
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LARSON, JUSTIN MATTHEW

ART UNIT	PAPER NUMBER
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3727

DATE MAILED: 10/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

517

<b>Interview Summary</b>	Application No.	Applicant(s)	
	10/644,369	HWANG ET AL.	
	Examiner	Art Unit	
	Justin M. Larson	3727	

All participants (applicant, applicant's representative, PTO personnel):

(1) Justin M. Larson.

(3) William D. Blackman.

(2) Nathan J. Newhouse.

(4) \_\_\_\_\_.

Date of Interview: 05 October 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1-20, see attached proposed amendment.


Identification of prior art discussed: Kim (5,429,285), Bowen (2,699,865).

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

  
 NATHAN J. NEWHOUSE  
 SUPERVISORY PATENT EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
 Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Regarding the proposed amendments to claims 1 and 11, a person could remove the bolt of Kim by hand, without the use of a tool. The bolt could either be loose enough for anyone to turn, or a person may be strong enough to remove even a tight bolt. Regarding the proposed amendments to claims 2 and 12, the size/depth limitations are not enough to define over the structure of Kim. It was suggested to Mr. Blackman that more emphasis be placed on the structure of the invention, such as the recess (14) that extends through the entire body, including the walls. Also, there is no upper rim or lip surrounding the invention as there is in Kim. Examiner will wait for official amendments to be submitted by Mr. Blackman before determining if these structural differences will render the claims allowable .

Mr. Larson:

In reviewing the cited art, we noticed that the Kim reference discloses a three-part unit including a bowl, a lower cap portion which is described as a tray, and an upper cap portion which is a lid for placement over the tray, the lid including a pop-up safety reflector.

In the attached claims, which are provided informally and for discussion purposes, we are trying to accentuate the relative thickness of the storage body. This is much thicker than the tray of Kim. In addition, in the independent claims, we are also focusing on the fact that in the Kim reference, a wrench must be used to remove a bolt before the storage tray and tools stored therein can be accessed by a user, while in the claimed apparatus, the storage body is separable from the spare wheel by hand, without requiring use of a tool..

Please look over these proposed changes to the claims, and call me to discuss. Thanks.

William Blackman

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— INFORMAL DRAFT ONLY —

**Proposed amendments to the claims in response to the Office Action of 16 August 2005**  
Our Ref. HNO-136-A; Your Ref. HRA2630-D02262

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1. (Currently amended) An apparatus for holding and storing tools for use in a vehicle, comprising:  
a storage body shaped and dimensioned to fit [[with]] within a spare wheel of a vehicle,  
said storage body having formed therein a jack storage space to securely receive a vehicle  
raising jack, a lug wrench-receiving space to securely receive a lug wrench, and a hollow storage well  
for holding and storing one or more various user-selected accessories; and  
said storage well having a volume approximately as large as said jack storage space;  
wherein the storage body is separable from the spare wheel by hand, without requiring use of  
a tool.
2. (Currently Amended) The apparatus of claim 1, wherein the storage body is shaped to  
fit securely in a hub of the spare wheel, wherein the storage body is configured and dimensioned with  
a sufficient depth to allow the jack storage space to nestingly receive a scissors jack or a hydraulic  
bottle-type jack therein, in a compact configuration of the jack.
3. (Original) The apparatus of claim 1, wherein the storage well is substantially crescent-  
shaped in cross section.
4. (Original) The apparatus of claim 1, wherein the storage body is an integral, unitary  
member, and said jack storage space, said lug wrench receiving space and said storage well are  
formed as recesses in said unitary member.
5. (Original) The apparatus of claim 1, wherein the storage body is formed from foamed

plastic.

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6. (Original) The apparatus of claim 1, wherein a lower portion of the storage body is shaped to fit securely in a hub of the spare wheel.

7. (Original) The apparatus of claim 1, wherein said storage well extends substantially the full depth of the storage body.

8. (Original) The apparatus of claim 1, wherein said lug wrench-receiving space is defined in an upper surface of said storage body, and said jack storage space and said storage well extend from the upper surface much deeper into said storage body than said lug wrench-receiving space.

9. (Original) The apparatus of claim 1, wherein said storage body has multiple additional storage spaces defined therein and shaped to securely receive other tools.

10. (Original) The apparatus of claim 1, wherein said lug wrench-receiving space is defined in an upper surface of said storage body, and said jack storage space and said storage well extend into said storage body on opposite sides of said lug wrench-receiving space .

11. (Currently amended) A tool kit for a vehicle, comprising:

a storage body shaped and dimensioned to fit [[with]] within a spare wheel of a vehicle,  
said storage body having formed therein a jack storage space to securely receive a vehicle

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raising jack, a lug wrench-receiving space to securely receive a lug wrench, and a hollow storage well for holding and storing one or more various user-selected accessories;

a vehicle raising jack which securely fits in the jack storage space;

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a lug wrench which securely fits in said lug wrench-receiving space; and

said storage well having a volume approximately as large as said jack storage space

wherein

the storage body is separable from the spare wheel by hand without requiring use of a tool.

12. (Currently amended) The tool kit of claim 11, wherein the storage body is shaped to fit securely in a hub of the spare wheel, wherein the storage body is configured and dimensioned with a sufficient depth to allow the jack storage space to nestingly receive a scissors jack or a hydraulic bottle-type jack therein, in a compact configuration of the jack.

13. (Currently amended) The tool kit of claim 11, wherein the storage well is substantially crescent-shaped in cross section.

14. (Currently amended) The tool kit of claim 11, wherein the storage body is an integral unitary member.

15. (Currently amended) The tool kit of claim 11, wherein the storage body is formed from foamed plastic.

16. (Currently amended) The tool kit of claim 11, wherein said storage well extends substantially the full depth of the storage body.

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17. (Currently amended) The tool kit of claim 11, wherein said lug wrench-receiving space



is defined in an upper surface of said storage body, and said jack storage space and said storage well extend from the upper surface much deeper into said storage body than said lug wrench-receiving space .

18. (Original) The tool kit of claim 11, wherein said storage body has multiple additional storage spaces defined therein and shaped to securely receive other tools.

19. (Original) The tool kit of claim 11, wherein a lower portion of the storage body is shaped to fit securely in a hub of the spare wheel.

20. (Original) The tool kit of claim 11, wherein said lug wrench-receiving space is defined in an upper surface of said storage body, and said jack storage space and said storage well extend into said storage body on opposite sides of said lug wrench-receiving space.